# The finest money can buy



### BONNEY WRENCHES

BONNEY FORGE & TOOL WORKS, Allentown, Pa.

Recommended by all the leading car
manufacturers

#### ENGINEER'S WRENCHES



| No.           | U. S. S.<br>Bolt<br>Size  |                           | S. A. E.<br>Standard<br>Screw<br>and Nut  | Milled  | Non-line   | Thick-<br>ness<br>of<br>Head                                | Price<br>Each  |
|---------------|---|---------------------------|---|---|--|---|--|
| 1020          | . & 1/8   | . & 1/8                   | 1/4   | 1/4 & . 5/16<br>5/16 & 3/8  | 3  | 5/32<br>3/16)   | \$0.50   |
| 1721          | 1/8 &   | 1/8 & 3/16<br>1/8 & 1/4   | 1/4   | 5/16 & 3/8<br>5/16 & 13/32  | 37/8 8 41/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2  | 3/-   |  |
| 1021<br>1722  | 1/8 & 3/16<br>1/8 &   | 1/8 & 1/                  | & 1/4   | 5/4 e. 7/4  | 41/2   | 72  | .55  |
| 1723          | 78 ac   | 316 & 1/4                 | & 1/4<br>& 1/4  | 5/16 & 7/16<br>3/8 & 7/16   | 41/0   | 7%  |  |
| 1022          | 1/8 & 1/4<br>3/6 & 1/4  | 1/8 & 5/16                | & 1/4<br>& 1/4<br>& 5/16<br>& 5/16  | \$\\\ \frac{5}{16} & \text{8c} \\ \frac{7}{16} \\ \frac{5}{16} & \text{8c} \\ \frac{7}{16} \\ \frac{5}{16} & \text{8c} \\ \frac{1}{2} & \text{1/2} \\ \frac{3}{8} & \text{8c} \\ \frac{1}{2} & \text{8c} \\ 1     | 41/2   | 7.6<br>7.22<br>7.22<br>7.22<br>7.22<br>7.22<br>7.22<br>7.22 | -  |
| 1023          | 3/16 & 1/4  | 8 5 16<br>3 16 8 5 16     | & 5 16  | 13/0 & 1/2  | 41/2   | 7/20}   | .65  |
| 1723A         |   | 3/16 & 5/16<br>3/16 & 3/8 | & 5/16<br>& 3/8   | 3/8 & 1/2<br>3/8 & 9/16   | 41/2   | 7/2)  |  |
| 1724          |   |                           | & 3/8   | 3/8 & 9/16  | 51/2   | 64  | 1.36   |
| 1024          | 3/16 & 5/16   |                           |   | 13/2 & 19/2<br>7/6 & 1/2<br>7/6 & 9/6   | 51/2   | 15/64   |  |
| 1725          | & 1/4   | 1/4 & 5/16<br>1/4 & 3/8   | 1/4 8 5/16  | 16 8 1/2  | 51/2   | 15/64   | .80  |
| 1725A         |   | 1/4 & 3/8<br>5/16 & 3/8   | 1/4 8 3/8   | 716 & 916   | 51/2   | 15/64   | .00  |
| 1725B         | 1/4 & 5/16  |                           |   | 1/2 & 9/16<br>1/2 & 19/22<br>1/2 & 5/8<br>1/2 & 11/16<br>9/16 & 5/8   | 21/2   |   |  |
| 1025          | 1/4 & 5/16  |                           |   | 1/2 84 1/52   | 21/2   | 15 64   | 19 11  |
| 1726          | 1/4 & 3/8   | 5/16 & 7/16               | 5/16 & 7/16   | 1/2 & 1/8   | 61/2   | 932   | Contract of  |
| 1026          | 1/4 & 3/8   | 5/16 &c 3/8 &c 7/16       | 5/16 &c   | 1/2 & 1/16  | 61/2   | 932   | .95  |
| 1727<br>1027  | 5/ - 3/   | 78 & 716                  | 3/8 & 7/16  | 19/32 & 11/16   | 61/2   | 9/22<br>9/22<br>9/22<br>9/22<br>9/22<br>9/22                |  |
| 1027C         | 5/16 & 3/8  | 3/8 &                     | 3/20  | 9/0 & 11/0  | 61/2   | 9/20  |  |
| 1027          | 5/16 & 3/8<br>& 3/8<br>5/16 & 7/16                              | 78 a                      | 3/8 &   | 19/16 & 11/16<br>19/16 & 25/12<br>9/16 & 3/4<br>5/8 & 25/12<br>5/8 & 3/4<br>11/16 & 25/12<br>5/8 & 13/16  | 71/2   | 9/32<br>9/32<br>5/16<br>5/16<br>5/16                        |  |
| 1728          |   | 2/9 Re 1/2                | 3/8 & 1/2<br>1/16 &<br>1/16 & 1/2   | 9/16 & 3/4  | 71/2   | 5/16  |  |
| 10285         | & 7/16  | 7/16 8¢                   | 768   | 5/8 & 25/0  | 71/2   | 5/16  | S TO SERVICE STATE OF THE SERV |
| 1729          | 10  |                           | 7/16 8 1/2  | 5/8 & 3/4   | 71/2   |   | 1.20   |
| 1029          | 3/8 & 3/16<br>3/8 & 1/2   |                           |   | 11/16 & 25/32   | 71/2   | 516   |  |
| 1730          |   | 7/16 8x 9/16              | 7/6 &   | 5/8 & 13/16   | 71/2   | 16  |  |
| 1030          | 3/8 & 1/2   | & 1/8                     | & 9/16  |   | 71/2   | 316   |  |
| 1731          |   | 1/2 8 16                  | 1/284   | 11/16 & 7/8<br>3/4 & 13/16<br>3/4 & 7/8<br>25/2 & 7/8<br>13/16 & 7/8  | 9  | 5 16 3 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8                  |  |
| 1731A         | & 1/2   | 1/28 3/8                  | 1/2 8 9/16  | 3/4 & 1/8   | 9  | 18  | 1  |
| 1031          | 1/16 & 1/2  | & 5/s                     | & 916   | 25/2 & 1/8  | 9  | 3/8   | 100  |
| 1731B         | & 1/2   | 16 & 78                   | & 16  | 3/6 8 1/8   | 9  | 3/8   | 1 00   |
| 1732          | 7. 0.   | 1/28 3/4                  | 72 & 716<br>& 916<br>& 916<br>& 916<br>& 1/2 & 11/16  | 25/ . 31/   | 9 9 9  | 3/8   | 1.60   |
| 1032          | 7/16 &c 9/16  | 9 . 3/                    |   | 13/2 0 1  | g  | 3/0   |  |
| 1732A         | 1/  | 16 8 74                   | 9 5/  | 7/0 0 15/4  | 9  | 3/0   |  |
| 1033A<br>1033 | 1/2 & 9/16<br>1/2 & 9/16  | 5/8 04                    | 915 8   | 7/0 4 314   | 9  | 3/8   |  |
| 1733          | 1/2 00 16   | 5/0 4 3/                  | 9 ic & 11/c   | 7/0 8 1   | 101/2  | 15/0  |  |
| 1033C         |   | A 3/                      | 5/8 8 11/16   | 15/16 & 1   | 101/2  |   |  |
| 1034          | 1/2 4 5/8   | 5/0 %                     | 9 16 8x 3/4   | 7/8 & 11/6  | 101/2  |   | 2.15   |
| 1734          | 1/28  | 15/8 & 7/8                | 916 &   | 1/8 & 11/8  | 101/2  |   | 2.10   |
| 1034A         | 1/2 & 5/8<br>1/2 & 5/8<br>9/16 & 5/8                            |                           | 5/8 & 3/4   | 15/16 & 11/16   | 10 <sup>1</sup> / <sub>2</sub><br>10 <sup>1</sup> / <sub>2</sub><br>10 <sup>1</sup> / <sub>2</sub><br>10 <sup>1</sup> / <sub>2</sub><br>10 <sup>1</sup> / <sub>2</sub> |   | -  |
| 1035          | 9/16 8 . 5/8  |                           | & 3/4   | 31/2 & 11/16  | 101/2  | 15 32<br>17 32  | 1  |
| 1735          | 1.5   | 3/4 8 7/8                 | 11/16 &   | 1 & 11/8  | 12<br>12<br>12<br>12<br>12<br>12   | 1732  | Part of  |
| 1036          | 9/16 & 3/4  | & 1                       | & 1/8   | 31/2 & 1/4  | 12   | 17,32<br>17,32  | 3.00   |
| 1736          | & 3/4   | 3/4 &                     | 16 & 1/8  | 8 1/4   | 12   | 1732  | 3.00   |
| 1037          | 3/8 & 3/4   | 7 &                       | 1/4 8 /8  | 16 & 1/4  | 12   | 17/22   | 1  |
| 1737          | \$c 3/4<br>5/8 &c 3/4<br>5/8 &c 7/8<br>3/4 &c 7/8<br>3/4 &c 7/8 | 1/8 & 1                   | 3/ 1/8  | 11/8 & 1/4  | 131/2  | 11,16   | 1  |
| 1038          | 1/8 & 1/8   | 7/ . 11/                  | 7481  | 11/2 . 13/2   | 131/2  | 11/4  |  |
| 1738          | 3/:   | 1 /8 & 1/8                | 7/20  | 11/ 4 13/   | 131/2  | 11/16   |  |
| 1739          | 13/ 2/  | 1 &17                     | 1/241   | 11/2 2 17/4   | 131/2  | 1 Ilize   | 4.75   |
| 1039<br>1739A | 3/4 00 /8   | 1 411/                    | 1/00  | 11/4 & 11/2   | 131/2  | 11/16   |  |
| 1739B         | 74 &  | 11/0 4 11/                |   | 13/8 & 11/2   | 131/2  | 11 16   |  |
| 1040          | 3/4 & 1   | 1 & 13/                   | 11/16 &c 7/8<br>11/16 &c 7/8<br>3/4 &c 7/8<br>3/4 &c 1/8<br>3/4 &c 1/8<br>17/8 &c 1<br>17/8 &c 1/8<br>17/8 &c 1/8 | 1/4 & 1/5 & 1/6 & | 131/2<br>131/2<br>131/2<br>131/2<br>131/2<br>131/2<br>131/2<br>151/2   | 11 16   | 8.50   |
| 1041          | 3/4 & 1   | & 13/                     | 1 & 11/8  | 13/6 & 15/8   | 151/2  | 13/16   | 0.00   |

MINATURE WRENCH SET No. 20



Price \$2.65 In Cardboard Box Price \$3.15



This set of miniature Wrenches was designed for work around electrical parts, carburetors, oil cleaners, radio,

| No.  | Dimensions of Openings | Length                        | Thickness<br>of Head | Price<br>Each |
|------|------------------------|-------------------------------|----------------------|---------------|
| H-10 | 3/6 & 7/2              | 21/2                          | 3/52                 | \$0.50        |
| H-12 | 1/4 & 9/2              |                               | 5/52                 | .50           |
| H-14 | 5/16 & 11/2            | 3 <sup>3</sup> / <sub>4</sub> | 3/16                 | .55           |
| H-16 | 3/8 & 3/16             | 4 <sup>1</sup> / <sub>8</sub> | 7/32                 | .55           |
| H-18 | 13/2 & 15/2            | 41/8                          | 7/52                 | .55           |

#### BONNEY 'CV'\* Chrome Vanadium ENGINEER'S WRENCH SET No. 25

This set contains one each of the following 'CV', Chrome Vanadium Engineers' Wrenches: 1723, 1025, 1027C, 1028S, 1731A, 1033C. No duplicate openings.

Price

In Cardboard Box . . . \$7.25 In Leatherette Roll .... 8.25



#### BONNEY 'CV'\* Chrome Vanadium



SAMPLE KIT No. 1

This set is made up as an introduction to Bonney 'CV' Engineers' Wrenches. It is also a handy kit for the car owner. Contains one each of the following Bonney 'CV', Chrome Vanadium Engineers' Wrenches: 1723, 1725B, and 1729, which fit the six most popular S. A. E. Bolts.

> Price \$2.50 in Leatherette Roll



| No.           | U. S. S.<br>Bolt Size | Hex. Head<br>Cap Screw   | S. A. E.<br>Standard<br>Screw & Nut | Openings<br>Milled                    | Extreme Length                                       | Thickness of Head                       | Price<br>Each |
|---------------|-----------------------|--------------------------|-------------------------------------|---------------------------------------|--|---|---------------|
| 2722<br>2723  | 1/8 &                 | 3/6 & 1/4                | & 1/4<br>& 1/4                      |                                       | 41/4   | 122 124 124 124 124 124 124 124 124 124 | \$0.55        |
| 2022          | 1/8 & 1/4             | 3/16 & 1/4<br>1/8 & 5/16 | & 5/16                              | 5/16 & 1/2                            | 41/2   | 72                                      | 40.00         |
| 2023          | 3/6 & 1/4             | 8 5/16                   | & 5/16                              | 13/2 & 1/2                            | 41/2   | 12                                      | C             |
| 2723A         | 716 € 74              | 3/6 & 5/6                | & 5/16                              | \$16 & 1/2<br>13/2 & 1/2<br>3/8 & 1/2 | 41/2   | 72                                      | .65           |
| 2724          |                       | 3/8 & 3/8                | & 3/8                               | 3/8 & 9/6                             |  | 15%                                     |               |
| 2024          | 3/6 & 5/6             | 10 0 /0                  |                                     | 13/0 8 19/0                           | 51/2<br>51/2<br>51/2<br>51/2                         | 15/4                                    | 100           |
| 2725          | 8 1/4                 | 1/4 8 5/6                | 1/4 & 5/16                          | 1/2 Be 1/2                            | 51/2   | 15/4                                    | .80           |
| 2725A         | ~ /4                  | 1/4 & 3/8                | 1/4 8 3/8                           | 7/6 & 9/6                             | 51/2   | 15%                                     | .00           |
| 2725B         | 1/4 80                | 1/4 & 3/8<br>5/16 & 3/8  | 1/4 & 3/8<br>5/16 & 3/8             | 1/2 & 9/16                            | 51/2<br>51/2<br>51/2<br>51/2<br>51/2<br>51/2<br>61/2 | 15%                                     |               |
| 2025          | 1/4 Re 5/16           | 5/16 &c                  | 5/16 &c                             | 1/2 & 19/2                            | 51/2   | 15/4                                    |               |
| 2726          | 1/4 &                 | 3/16 & 1/16              | 5/6 & 1/6                           | 1/2 & 5/8                             | 61/2   | % % % % % % % % % % % % % % % % % % %   | 100           |
| 2026          | 1/4 8 3/8             | 5/16 &c                  | 3/16 8k .                           | 1/2 & 11/16                           | 61/2   | 9/20                                    |               |
| 2727          |                       | 3/8 8 7/16               | 3/8 & 7/6                           | % & 5/8                               | 61/2   | 9/2                                     | .95           |
| 2027          | 5/16 & 3/8            |                          |                                     | 19/2 & 11/16                          | 61/2   | 9/2                                     |               |
| 2027C         | 5/16 & 3/8<br>& 3/8   | 3/8 &c                   | 3/8 &c                              | 16 & 11/16                            | 61/2   | 9/22)                                   | TOY TO        |
| 2028          | 5/6 & 7/6             |                          |                                     | 19/2 & 25/2                           | 71/2   | 5/16                                    | 17.3          |
| 2728          |                       | 3/8 & 1/2                | 3/8 & 1/2                           | % & 3/4                               | 71/2   | 5/16                                    |               |
| 2028S         | & 7/16                | 3/8 & 1/2<br>1/16 &      | 716 &c                              | 5/8 & 25/2                            | 71/2   | 5/16                                    | 1.20          |
| 2729          | 22.00                 | 1/16 & 1/2               | 3/8 & 1/2<br>7/16 &<br>7/16 & 1/2   | 3/8 & 3/4                             | 71/2   | 5/16                                    | 1.20          |
| 2029          | 3/8 & 1/16            |                          |                                     | 11/16 & 25/2                          | 71/7   | 216                                     |               |
| 2730          | 22                    | 7/6 & 9/16               | 7/16 &c                             | 5/8 & 13/16                           | 71/2   | 5/16<br>5/16<br>5/16                    | 7             |
| 2030          | 3/8 & 1/2             | & 5/8                    | t % %                               | 11/16 & 7/8                           | 9/2  | 216                                     |               |
| 2731          |                       | 1/2 & 9/16<br>1/2 & 5/8  | 1/2 & 9/6                           | 3/4 & 13/16                           | 9  | 1 3/8                                   |               |
| 2731A         | 2 & 1/2               | 1/2 & 5/8                | 1/2 & %                             | 3/4 & 7/8                             | 9  | 78                                      |               |
| 2031          | 16 & 1/2              | & 1/8                    | & 3/16                              | 25/32 & 7/8<br>13/16 & 7/8            | 9 9 9  | 3/8                                     | 7.3.14        |
| 2731B<br>2732 | & 1/2                 |                          | 8 %                                 | 13/16 & 7/8<br>3/4 & 1                | 0  | 3/8                                     | 1.60          |
| 2032          | 7/6 & 9/6             | 1/2 & 3/4                | 1/2 & 11/16                         | 25/4 & 1<br>25/2 & 31/2               | á  | 3/8                                     | 2.00          |
| 2732A         | 76 & 76               | % & 3/4                  |                                     | 25/2 & 31/2<br>13/2 a 1               | ó  | 3/8                                     | A. Car        |
| 2033A         | 1/4 0                 | 5/8 & 7/4                | % & 5/8                             | 18/6 & 1<br>7/8 & 15/6<br>7/8 & 31/2  | á  | 3/8                                     |               |
| 2033A         | 1/2 & 9/6             | 5/8 8                    | % & 78                              | 1/0 4 312                             | 9  | 3/8                                     |               |

### BONNEY 'CV'\* Chrome Vanadium WRENCH SET No. 40 SAMPLE KIT No. 4

In Cardboard Box....\$5.10

ette Roll.. 6.05

This Set contains one each of the following 'CV'<sub>\*</sub>
ChromeVanadium



Price \$2.50 in Leatherette Roll

This set of three wrenches is merely an introduction to Bonney 'CV', ChromeVanadium Right-Angle Wrenches. Note

that the price of the complete kit is less than the prices of the three wrenches if purchased individually.

This set contains one each of the following sizes: No. 2723, 2725B and 2729, which fit the six most popular S. A. E. Bolts.



DONNEY 'CV', Chrome Vanadium Tappet Wrenches are the result of many months' careful study and experimental work with expert mechanics. The proper length, 8 inches, allows you to work clear of your motor when it is hot (the only time for adjusting) and the angle of the heads allows you to reach around into inaccessible positions.

As most cars require three wrenches to make complete tappet adjustment, these wrenches are designed so that two can be worked like scissors with one hand while the third is used in the other hand. This is accomplished by having two openings, both the same size but at different angles, on each wrench. One opening is straight, the other at 22½ degrees.

| Stock<br>No.                              | Milled<br>Opening                            | S.A.E.<br>St'dNuts<br>Bolt Size | U.S.S.<br>Nuts<br>Bolt Size | Extreme<br>Length     | Thick-<br>ness of<br>Head                    | Price<br>Each |
|---|--|---------------------------------|-----------------------------|-----------------------|--|---------------|
| 401<br>401A<br>402<br>402A<br>403<br>403A | 3/8<br>7/16<br>1/2<br>17/32<br>9/16<br>19/32 | 1/4<br>5/16                     | 1/4                         | 8<br>8<br>8<br>8<br>8 | 5/82<br>5/82<br>5/82<br>5/82<br>5/82<br>5/82 | \$1.50        |
| 404<br>404A<br>405                        | 5/8<br>21/32<br>11/16                        | 1/16                            | 3/8                         |                       | 3/16<br>3/16                                 | 1.65          |
| 406<br>406A<br>407<br>407A                | 3/4<br>25/32<br>13/16<br>7/8                 | 1/2                             | 1/2                         | 8<br>8<br>8<br>8<br>8 | 32 32 32                                     | 1.85          |
| 408A<br>408A<br>409                       | 15/16<br>31/32                               | 9/16<br>.5/8                    | 72<br>9/16                  | 8 8                   | 732  | 2.00          |

#### BONNEY 'CV'\* Chrome Vanadium

#### TAPPET WRENCH SET

No. 412

Set No. 412.—This set consists of two (2) each Nos. 402, 403, 404 and 405 "Bonney" CV's Chrome Vanadium Valve Tappet Wrenches.

This set will take care of the adjustment of Valve Tappets on 70 per cent of the passenger cars and trucks.

#### Packed Three Ways

#### Price

| In Cardboard Box      |  |  |  |  |  |  |  | .\$12.60 |
|-----------------------|--|--|--|--|--|--|--|----------|
| In Leatherette Roll . |  |  |  |  |  |  |  | 13.60    |
| In Metal Container    |  |  |  |  |  |  |  | 13.60    |





#### BONNEY 'CV'\* Chrome Vanadium CYLINDER HEAD NUT WRENCH



The No. 2525 is a specially designed Wrench with 5% hex. box opening, for 7% of S. A. E. on one end and 45% offset opening, at 15° angle, for Spark Plug. This wrench is designed for model T Ford car. Length overall 93%. Price \$1.00 each.

The No. 2530 Wrench has 15% hex. box opening on one end and 15% offset opening at 15° angle. Designed for type "A" Ford car. Length overall 95%. Price \$1.00 each.

#### BONNEY 'CV' Chrome Vanadium WRENCH FOR CHEVROLET MAIN BEARING



Of a special design, 13" long with double hexagon box openings 13%6"x½". The use of Chrome Vanadium Steel allows a reduced section without sacrifice of necessary strength. Price each..... \$2.50

#### BONNEY 'CV'\* Chrome Vanadium WATER PUMP WRENCHES

DONNEY Water Pump Packing Nut Wrenches are designed primarily for tightening the water pump packing nut on water-

cooled motors. In many cases the nut is inaccessibly located and a specially designed wrench with thin body and short handle is required to reach it. It should be tightened only with a wrench, never with a punch and hammer. The Bonney Water Pump Packing Nut Wrench is made for this particular work and its use on other classes of work, or with added leverage is not recommended.

> Specify make and model of automobile when ordering

| No.   | Milled<br>Opening | Length | of Head              | Price Each |
|-------|-------------------|--------|----------------------|------------|
| 1228  | 7/8               | 7      | 1/4)                 |            |
| 1230  | 15/16             | 7      | 1/4                  |            |
| 1232  | 1                 | 7 7    | 1/4                  |            |
| 1232A | 11/2              | 7      | 1/4                  | \$1.75     |
| 1234  | 1/16              | 7      | 1/4                  | ΨΙσ        |
| 1236  | 11/8              | 7      | 1/4                  |            |
| 1238  | 13/16             | 7      | 1/4                  |            |
| 1240  | 11/4              | 7      | 1/4                  |            |
| 1242  | 15/16             | 73/4   | 1 %2                 | 10 m       |
| 1244  | 13/8              | 73/4   | %2<br>%2<br>%2       | n Silver   |
| 1246  | 17/6              | 73/4   | 9/32                 | 0.00       |
| 1248  | 11/2              | 73/4   | %2<br>%2<br>%2<br>%2 | 2.00       |
| 1250  | 19/16             | 73/4   | 9/32                 | 1          |
| 1252  | 15/8              | 73/4   | 9/32                 |            |
| 1256  | 13/4              | 81/2   | 2/16                 | 18:50      |
| 1260  | 17/8              | 81/2   | 2/16                 | 2.50       |
| 1264  | 1 4               | 81/2   | 5/16                 | 2.00       |
| 1266  | 21/16             | 81/2   | 5/16                 |            |
| 1272  | 21/4              | 81/2   | 5/16                 |            |

### BONNEY 'CV', Chrome Vanadium BRAKE WRENCHES





No. 2536, old No. 4075. For Studebaker Cars. 41/8" long, 1/8" opening, Head 1/32" thick.

Price each ......\$1.00



No. 2539, old No. 9649. For all Bendix Brakes. 7" long. Openings, small end ½x½", large end ¾", heads ½6" thick.

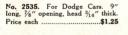
Price each ......\$1.50



No. 2537, opening ½" on 22½° end, ½" on 60° end.
No. 2538, opening ¾6" on 22½° end, ½" on 60° end.
No. 2526, opening ¾6" on 22½° end, ¾" on 60° end.
No. 2526A, opening ¾6" on 22½° end, ¾6" 60° end.
No. 2526B, opening ½6" on 22½° end, ¾6" 60° end.
On. 2526B, opening ½6" on 22½° end, ¼6" on 60° end.
On. 2537 and 2538 are necessary.

No. 2526B, opening  $^{11}\%$  n° on  $^{22}V_2$ ° end. One each, No. 2537 and 2538 are necessary for La Salle Cars. No. 2526 is used for all Lockhead Brakes. All wrenches are  $^{61}\%$  nog, heads  $^{7}\%$ 2" thick.

Price each ......\$1.25





No. 2541, old No. 9267. For Studebaker Cars. 10" long, 1/8" opening, head 5/16" thick. Price each \$2.00



No. 2542, old No. 2729T. For Chevrolet Cars. 7½" long, openings  $\frac{5}{8}$  x¾", heads  $\frac{7}{32}$ " thick.

No. 36 Set

No. 36 set contains one each of six wrenches shown above, as follows: 2534, 2536, 2526, 2542, 2539, 2535 for brake adjustment of a large number of makes of cars.



No. 35 Set

No. 35 Set contains one each of nine numbers of brake wrenches shown above. This set will service the brake adjustment of practically all the popular makes of cars.

#### BONNEY 'CV'\* Chrome Vanadium ONE-PIECE SOCKET WRENCHES

Donney 'CV', Chrome Vanadium Socket Wrenches are produced in three styles: the brace or speed type, which is one of the most popular among assemblers of automobiles and machinery, because of the speed with which it may be operated; the "T" handle type, designed to afford a good grip without sacrificing economy of room; and the offset type, used for working in inaccessible places where there is short clearance. In all three types, the socket and handle are one piece. The use of Chrome Vanadium makes it possible to turn down the outside diameter of the socket for greater clearance without sacrificing strength. The brace type embodies a ball-bearing handle (Patent applied for) which absorbs the pressure and relieves friction and fatigue.

#### OFFSET TYPE

| No.                  | U. S. S.<br>Bolt<br>Size | Hex. H'd<br>Cap<br>Screw | S. A. E.<br>Standard<br>Screw& Nut | Hex.<br>Open-<br>ing             | Length         | Handle<br>Offset  | Price<br>Each |
|----------------------|--------------------------|--------------------------|------------------------------------|----------------------------------|----------------|-------------------|---------------|
| 2101<br>2102         | 1/4                      | 1/4<br>5/16<br>3/8       | 1/4<br>5/16<br>3/8                 | 7/6<br>1/2<br>9/6<br>19/2<br>5/8 | 8<br>8<br>8    | 2 }               |               |
| 2103<br>2104         | 5/16                     |                          |                                    | 9/16<br>19/2                     | 10             | 2 2 2 2 2 2 2 1/4 | \$1.00        |
| 2105<br>2106         | 3/8                      | 7/6                      | 7/6                                | 3/8<br>11/16                     | 10             | 2 2               |               |
| 2107<br>2108<br>2109 | 7/16                     | 1/2                      |                                    | 25/32<br>13/16<br>7/8            | 10<br>10<br>10 |                   | 1.25          |
| 2110                 | 1/2                      | 9/16<br>5/8              | %6                                 | 7/8                              | 10             | 21/4              | 1.23          |

|    |              |                       |                        |                                    |   |                   | -             |
|----|--------------|-----------------------|------------------------|------------------------------------|---|-------------------|---------------|
|    | No.          | U. S. S.<br>Bolt Size | Hex. Head<br>Cap Screw | S. A. E.<br>Standard<br>Screw& Nut | Hex.<br>Opening                             | Extreme<br>Length | Price<br>Each |
| (7 | 2201<br>2202 | 1/4                   | 1/4                    | 1/4                                | 7/18  | 12                |               |
|    | 2203<br>2204 | 5/16                  | 5/16<br>3/8            | 5/16<br>3/8                        | 7/15<br>1/2<br>9/16<br>19/2<br>5/8<br>11/16 | 12<br>12<br>12    | \$1.25        |
|    | 2205<br>2206 | 3/8                   | 7/16                   | 7/16                               | 5/8<br>11/16                                | 121               |               |
| 42 | 2207<br>2208 | 7/15                  | 1/2                    | 1/2                                | 3/4<br>25/32<br>13/16<br>7/2                | 12                |               |
|    | 2209         | 1/-                   | 9/16<br>5/0            | 94                                 | 7/6   | 12                | 1.50          |

#### BRACE (or Sneed) TYPE

| No.  | U. S. S.<br>Bolt<br>Size | Hex. H'd<br>Cap<br>Screw | S. A. E.<br>Standard<br>Screw& Nut | Hex.<br>Open-<br>ing        | Ex-<br>treme<br>Length           | Length<br>of<br>Shank | Price<br>Each |
|------|--------------------------|--------------------------|------------------------------------|-----------------------------|----------------------------------|-----------------------|---------------|
| 01   |                          | 1/4<br>5/16<br>3/8       | 1/4<br>5/6<br>3/8                  | 7/16<br>1/2<br>9/16<br>19/2 | 20<br>20                         | 10)                   |               |
| 2402 | 1/4                      | 5/16                     | 5/16                               | 1/2                         | 20                               | 10                    |               |
| 2403 |                          | 3/8                      | 3/8                                | 9/16                        | 20                               | 10                    | \$1.75        |
| 404  | 5/16                     |                          |                                    | 19/2                        | 20                               | 10}                   | 1             |
| 2405 |                          | 7/16                     | 7/16                               | 5/8                         | 20                               | 10                    |               |
| 406  | 3/8                      |                          |                                    | 11/16                       | 20<br>20<br>20<br>20<br>20<br>20 | 10                    | N. W.         |
| 407  |                          | 1/2                      | 1/2                                |                             | 20                               | 10]                   |               |
| 2408 | 7/6                      |                          |                                    | 25/32<br>13/16              | 20                               | 10)                   |               |
| 2409 |                          | 9/16                     |                                    | 13/16                       | 20<br>20                         | 10}                   | 2.00          |
| 2410 | 1/2                      | 9/16<br>5/8              | 9/16                               | 7/8                         | 20                               | 10                    |               |

| <br>And I want | 47          |             |             |          | A VI     | -              |
|----------------|-------------|-------------|-------------|----------|----------|----------------|
|                | 3/8<br>7/16 | 3/8<br>7/16 | 9/16<br>5/8 | 30<br>30 | 20<br>20 | \$2.25<br>2.25 |

## BONNEY 'CV'\* Chrome Vanadium SOCKET SET No. "R"



Contains one each of the following Bonney 'CV', Chrome Vanadium Handles:

Offset 6" T 20" Speeder
Ratchet 12" T 5" Extension
Lug for ratchet Sliding T 10" Extension
13" Brace Universal Joint

### BONNEY 'CV'\* Chrome Vanadium SOCKET SET No. "W"



Contains one each of the following Bonny 'CV', Chrome Vanadium Sockets, Handles and Attachments:

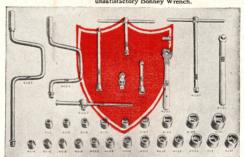
Ratchet 13" Brace 10" Extension Sliding "T" 5" Extension Universal Joint

### BONNEY 'CV'\* Chrome Vanadium SOCKETS, HANDLES and ATTACHMENTS

Standard Series 1/2" Square Attachment End.

Forged from 'CV' $_{\pm}$  Chrome Vanadium Steel, not turned from the bar. Heat treated, tested and guaranteed fully. Made to fit handles and attachments with  $\frac{1}{2}$ " square end.

GUARANTEE: We will replace, free of charge, any unsatisfactory Bonney Wrench.



You can now secure Bonney Chrome Vanadium Detachable Head Socket Wrenches for hex or square nuts as listed below—

|  |   | HEX                                 | AGON               |                                   |       |  |  | SQUA              | ARE  |   |                   |
|--|---|-------------------------------------|--------------------|-----------------------------------|-------|--|--|-------------------|--|---|-------------------|
| No.  | Size of<br>Hex.<br>Opening  | S.A.E.                              | U.S.S.             | Hex.<br>Cap<br>Sc.                | Price | No.  | Size of<br>Square<br>Opening                             | U.S.S.            | U.S.S.<br>Sq.Hd.<br>Cap.Sc.                      | U.S.S.<br>Sq.Hd.<br>Set Scr.                    | Price             |
| 4014<br>4016<br>4018<br>4019<br>4020<br>4022<br>4024<br>4025 | 7/6<br>1/2<br>9/6<br>19/2<br>5/8<br>11/6<br>3/4<br>25/32<br>13/6<br>7/8<br>15/6 | 1/4<br>5/16<br>3/8<br>.7/15<br>.1/2 | 1/4<br>5/16<br>3/8 | 1/4<br>5/16<br>3/8<br>1/16<br>1/2 | .50   | 4112<br>4114<br>4116<br>4118<br>4120<br>4122<br>4124<br>4128 | 3/8<br>7/16<br>1/2<br>9/16<br>5/8<br>11/16<br>3/4<br>7/8 | 1/4<br>3/8<br>1/2 | 5/16<br>3/8<br>7/16<br>1/2<br>9/16<br>5/8<br>3/4 | 3/8<br>7/16<br>1/2<br>9/16<br>5/8<br>3/4<br>7/8 | .50<br>.50<br>.65 |
| 4026<br>4028<br>4030<br>4031<br>4032                         | 7/8<br>15/16<br>31/32   | 9/16<br>5/8                         | 1/2<br>9/6         | 9/16<br>5/8<br>                   | .80   | 4132   |  |                   |  |   | .95               |

Various types of Chrome Vanadium Handles and Attachments for these sockets are also available as follows:

| 101 1 | nese sockets are also available as follows: |
|-------|---|
| 4081  | Offset Handle\$1.50                         |
| 4082  | "T" Handle, 6 inches                        |
| 4083  | "T" Handle, 12 inches                       |
| 4084  | Brace, 13 inches 1.50                       |
| 4085  | Speeder, 20 inches 2.00                     |
| 4087  | Sliding "T" Handle                          |
| 4090  | Extension, 5 inches                         |
| 4091  | Extension, 10 inches                        |
| 4093  | Ratchet Handle with Lug 3.50                |
| 4094  | Extra Lug for Ratchet                       |
| 4095  | Universal Joint                             |
|       |   |

### BONNEY 'CV', Chrome Vanadium SOCKET WRENCHES, Heavy Duty



BONNEY 'C-V' Chrome Variadium SOCKETS, HANDLES AND ATTACHMENTS—All for Heavy Duty Series Sockets with 3/4" Square Attachment Ends

| HEXAGON             |              |                      |                              |                                |              |                                     |                                     |        |
|---------------------|--------------|----------------------|------------------------------|--------------------------------|--------------|-------------------------------------|-------------------------------------|--------|
| No.<br>4230<br>4231 | Open-<br>ing | USS.<br>Bolt<br>Size | Hex.<br>Head<br>Cap<br>Scrs. | SAE.<br>Std.<br>Screw<br>& Nut | Price each   | HANDLES AND ATTACHMENTS  Price each |                                     |        |
|                     |              |                      |                              |                                |              | 4287                                | Sliding "T" Hdle.<br>20" Long       | \$2.75 |
| 4232<br>4234        | 11/16        | 3/8                  | 3/4                          | 1½6<br>3/4                     | 1.20         | 4290                                | Extension<br>8½" Long               | 1.50   |
| 4236<br>4240        | 11/8         | 3/4                  | 1 7/8                        | 3/8                            | 1.40<br>1.55 | 4291                                | Extension<br>17" Long               | 2.00   |
| 4244<br>4246        | 13/8         | 3/8                  | 11/8                         | 1                              | 1.70         | 4293                                | Ratchet Hdle. with<br>Lug, 20" Long | 8.50   |
| 4248<br>4252        | 11/2         | 1                    | 11/4                         | 11/8                           | 2.00<br>2.25 | 4294                                | Extra Lug for<br>Ratchet            | .90    |

### BONNEY-HERCULES HEAVY DUTY SET NO. H



This set is composed of 10 sockets running in size from  $^{1}\%_{16}''$  to 1%'' opening, with 4 handles and attachments. It is specially designed for extremely hard service, and as the name "Hercules" implies is so proportioned that although light in weight it has a very heavy reserve strength factor.

Each set is packed in a substantial black enameled steel carrying case.

Price No. H Set in the United States.......\$34.00

Bonny CV\* Sockets, Handles and Attachments are forged from CV\*
Chrome Vanadium steel, not turned from the bar. Heat treated tested and
guaranteed fully.

### BONNEY NEW 'CV' Chrome Vanadium IGNITION SET NO. 18



E-II E-3 E-2 E-5 E-6 E-4 E-7 E-8 E-9 E-IO

This Set contains 10 Wrenches, made from Chrome Vanadium Steel, heat treated and guaranteed. The Wrenches are suitable for use on ignition work on the most popular electrical systems such as Auto-Lite, Bosch, Delco, Eisemann, North East, Remy, Splitdorf, Westinghouse, etc.

The Wrenches are so designed that they are most efficient for each application, but are light in weight. Some of the designs represent innovations from the standard patterns that have been in use for some time.

#### Prices on individual Wrenches are as follows: No. E2.....\$0.40 each No. E7. \$0.50 each .40 each No. E8 .50 each .40 each No. E9 50 each No. E5..... .40 each No. E10 50 each No. E6 ... .60 each No. E11 .80 each



# BONNEY FORGE & TOOL WORKS ALLENTOWN, PA.

Makers of Special Service Wrenches of Chrome Vanadium, Carbon Steel Drop Forged Wrenches, Stillson Wrenches, Vises and Drop Forgings and the Bonney Rim Tool

\*C. V is a Bonne" trademark registered in the U. S. Patent Office Chrome Vanadium registered August 11th, 1925